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<u>or</u>	or
<u>w/N</u>	with
<u>not w/N</u>	not with
<u>pre /N</u>	previous
<u>w/p</u>	in
<u>not w/p</u>	not in
<u>w/seg</u>	in segment
<u>not w/seg</u>	not in segment
<u>w/s</u>	in source
<u>not w/s</u>	not in source
<u>and not</u>	and not
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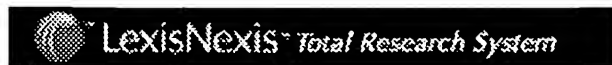
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and and

or or

w/N within

not w/N not within

pre /N previous

w/p in

not w/p not in

w/seg in segment

not w/seg not in segment

w/s in sentence

not w/s not in sentence

and not and not

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Syntax **Default**

and	and
or	or
w/N	with
not w/N	not with
pre /N	previous
w/p	in
not w/p	not in
w/seg	in
not w/seg	not in
w/s	in
not w/s	not in
and not	and not
	View

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July 22, 2004

SECTION: JI 22'04

CBCA-ACC-NO: 6028183

False Drop - Not Relevant

LENGTH: 241 words

HEADLINE: Artists, promoters of cultural heritage among winners of 2004 Order of Nova Scotia

BODY:

HALIFAX (CP) _ Prominent members of Nova Scotia's arts community will be among the five Order of Nova Scotia recipients this fall.

The province announced the names of this year's recipients in a news release issued on Thursday. The formal award ceremony is on Oct. 5.

Anne Marie Comeau, the founder and artistic director of Le Baie en Joie, will be given the award for her "outstanding contribution to the preservation and promotion of Acadian culture, regionally, nationally and internationally," said the release.

Donald Michael Julien, of Truro, will receive the order as "a life-long promoter of Mi'kmaq history and culture."

The province also named Marial M. Mosher, who has been a dancer, military officer and academic, and Dr. Oscar Shiu-Yuet Wong, a radiation oncologist and medical educator.

Sherman Zwicker, a former mayor of Lunenburg, was named for contributing to "the health and well-being of the people of his community and preserving the cultural heritage of Lunenburg and its fishing tradition."

The recipients were selected by the Order of Nova Scotia Advisory Council from 137 nominations submitted from across the province.

The Order of Nova Scotia was established in June 2001. Ten people were selected as inaugural members in 2002, with no more than five people being selected as recipients in the following years.

Recipients have the right to use the initials O.N.S. after their names.

JOURNAL-CODE: 1418

LOAD-DATE: August 13, 2004

Source: [News & Business > News > News, Most Recent Two Years \(English, Full Text\)](#) 

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<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	with
<u>not w/N</u>	not with
<u>pre /N</u>	previous
<u>w/p</u>	in
<u>not w/p</u>	not in
<u>w/seg</u>	in segment
<u>not w/seg</u>	not in segment
<u>w/s</u>	in source
<u>not w/s</u>	not in source
<u>and not</u>	and not
<u>Vie</u>	view

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966392 (08) 6028183 February 22, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6028183

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[Link to Claims Section](#)

February 22, 2000

Pyrimidine derivatives and oligonucleotides containing same

REISSUE: February 21, 2002 - Reissue Application filed Ex. Gp.: 1623; Re. S.N. 10/080,074 (O.G. May 28, 2002)

APPL-NO: 966392 (08)

FILED-DATE: November 7, 1997

GRANTED-DATE: February 22, 2000

ASSIGNEE-AT-ISSUE: Gilead Sciences, Inc., Foster City, California, United States (US), 02

ASSIGNEE-AFTER-ISSUE: February 10, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., MUENCHAU, DARYL D. 333 LAKESIDE DRIVE GILEAD SCIENCES, INC. FOSTER CITY CALIFORNIA 94404, Reel and Frame Number: 08963/0460
March 23, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., ISIS PHARMACEUTICALS, INC. 2292 FARADAY AVENUE CARLSBAD CALIFORNIA 92008, Reel and Frame Number: 09833/0012


September 24, 1999 - CORRECTIVE ASSIGNMENT TO CORRECT ASSIGNEE'S NAME PREVIOUSLY RECORDED ON REEL 8963, FRAME 0460., GILEAD SCIENCES, INC. 333 LAKESIDE DRIVE FOSTER CALIFORNIA 94404, Reel and Frame Number: 10264/0325

October 30, 2000 - CORRECTED ASSIGNMENT TO CORRECT THE RECEIVING PARTY AS RECORDED ON REEL 010264, FRAME 0414., ISIS PHARMACEUTICALS, INC. 2292 FARADAY AVENUE CARLSBAD CALIFORNIA 92008, Reel and Frame Number: 11211/0719

CORE TERMS: sub, sup, oligonucleotide, compound, mmole, optionally, atom, monomer, alkyl, linkage ...

ENGLISH-ABST:

Compounds having structure (1) ##STR1## wherein R.sup.1 is --H a protecting group, a linker or a binding partner; and R.sup.2 and R.sup. 34 are as defined in the specification. The invention also provides intermediates and methods make the structure (1) compounds, as well as methods to use the compounds as labels in diagnostic assays and to enhance binding to complementary bases.

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Segments: Abst, Assignee, Cert-correction, Date, Reexam-cert, Reexam-litigate, Reissue, Reissue-comment, Title
Date/Time: Tuesday, May 31, 2005 - 10:13 AM EDT

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?prt full legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image
 CPIM (C) Questel-Orbit
 PN - US6028183 A 20000222 [US6028183]
 TI - (A) Pyrimidine derivatives and oligonucleotides containing same
 PA - (A) GILEAD SCIENCES INC (US)
 PAO - Gilead Sciences, Inc., Foster City CA [US]
 IN - (A) LIN KUEI-YING (US); MATTEUCCI MARK D (US)
 AP - US96639297 19971107 [1997US-0966392]
 PR - US96639297 19971107 [1997US-0966392]
 IC - (A) C07H-019/00 C07H-021/00
 EC - C12Q-001/68B C12Q-563:107
 - C07H-019/06E
 - C07H-019/06F
 - C07H-021/00C4
 - C07H-021/00G
 PCL - ORIGINAL (O) : 536022100; CROSS-REFERENCE (X) : 435006000 435087000
 435090000 536023100 536025300 536025310 536025320 536025340
 536025400 544249000
 DT - Corresponding document
 CT - US4233402; US5286717; US5502177; US5594121; US5614617; US5614622;
 US5623068; US5645985; US5668272; US5728528; EP0487289 A2; EP0541153
 A1; JP62-059293 A2; WO8810264; WO9015065; WO9106629; WO9106626;
 WO9202258; WO9220702; WO9310820; WO9313121; WO9324507; WO9605298;
 WO9637504; WO9714706; WO9731008; WO9728176; WO9732888
 - Bell, et al., "Highly Effective Hydrogen-Bonding Receptors for Guanine
 Derivatives", 34(19):2163-2165, Angew Chem Int Ed, 1995.

Dande, et al., "Regioselective Effect of Zwitterionic DNA
 Substitutions on DNA Alkylation: Evidence for a Strong Side Chain
 Orientational Preference", 36:6024-6032, Biochem, 1997.

Haginoya et al., "Nucleosides and Nucleotides. 160, Synthesis of
 Oligodeoxyribonucleotides Containing 5-(N-Aminoalkyl)carbamoyl-2'-deox
 yridines by a New Postsynthetic Modification Method and Their Thermal
 Stability and Nuclease-Resistance Properties", 8:271-280, Bioconj
 Chem, 1997.

Lin et al., "Tricyclic 2'-Deoxycytidine Analogs: Synthesis and Incorporation into Oligodeoxynucleotides Which Have Enhance Binding to Complementary RNA", 117:3873-3874, J. Am Chem Soc, 1995.

Matteucci et al., "In pursuit of antisense", 384(7):20-22, Nature, 1996.

Prober et al., "A System for Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides", 238:336-341, Science, 1987.

Ueno et al., "Effects of 5-(N-aminohexyl)carbamoyl-2'-dexyuridine on endonuclease stability and the ability of oligodeoxynucleotide to activate RNase H", 25(19):3777-3782, Nuc Acids Res, 1997.

Ulmann et al, "Antisense Oligonucleotides: A New Therapeutic Principle", 90(4):543-584, Chem Rev, 1990.

STG - (A) United States patent

AB - Compounds having structure (1) (Chemical Structure image '1' not included in text) wherein R1 is --H a protecting group, a linker or a binding partner; and R2 and R34 are as defined in the specification. The invention also provides intermediates and methods make the structure (1) compounds, as well as methods to use the compounds as labels in diagnostic assays and to enhance binding to complementary bases.

UP - 2000-10

1/1 LGST - (C) EPO

PN - US6028183 A 20000222 [US6028183]

AP - US96639297 19971107 [1997US-0966392]

ACT - 20001030 US/AS-A

ASSIGNMENT

OWNER: ISIS PHARMACEUTICALS, INC. 2292 FARADAY AVENUE CAR; EFFECTIVE DATE: 19990318

CORRECTED ASSIGNMENT TO CORRECT THE RECEIVING PARTY AS RECORDED ON REEL 010264, FRAME 0414.;ASSIGNOR:GILEAD SCIENCES, INC.;REEL/FRAME:011211/0719

- 20020528 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20020221

UP - 2004-30

1/1 CRXX - (C) CLAIMS/RRX

AN - 3284313

PN - 6,028,183 A 20000222 [US6028183]

PA - Gilead Sciences Inc

PT - C (Chemical)

ACT - 20001030 REASSIGNED

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Assignor: GILEAD SCIENCES, INC. DATE SIGNED: 03/18/1999

Assignee: ISIS PHARMACEUTICALS, INC. 2292 FARADAY AVENUE CARLSBAD, CALIFORNIA 92008

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ISSUE DATE OF O.G.: 20020528
REISSUE REQUEST NUMBER: 10/080074
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1623

Reissue Patent Number:

UP - 2001-12
UACT- 2002-05-28
URAS- 2001-03-20